

CONTRACT DOCUMENTS, PROPOSAL and SPECIFICATIONS

City of Orange Beach Bayou Road and Cobia Avenue Road Improvements Project-2017- #16-336



March 2017

Prepared by:



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ADVERTISEMENT FOR BIDS

Sealed bids will be received by the City of Orange Beach, AL at the City of Orange Beach City Hall, 4099 Orange Beach Boulevard; P.O. Box 458, Orange Beach, Alabama 36561 until 10:00 a.m. CDT on **Thursday, April 13, 2017** and then publicly opened and read in the Council Chambers for:

BAYOU ROAD AND COBIA AVENUE ROAD IMPROVEMENTS

This project consists of removal of asphalt, grade, drain, base, and paving of existing roadway facilities; work includes approximately 206 Tons of Bituminous Concrete Wearing Course and 1,612 SY of Crushed Aggregate Base Course, and miscellaneous drainage structures.

A total of Seventy Five (75) calendar days will be allowed for completion of work.

Drawings and specifications may be obtained at Sawgrass Consulting, LLC, 11143 Old Highway 31, Spanish Fort, Alabama, 36527 for a non-refundable fee of \$55.00. Neither Owner nor Engineer will be responsible for full or partial sets of Bidding Documents, including Addenda, if any, obtained from sources other than this office. For more information, call (251) 544-7900 or email sdelahunty@sawgrassllc.com and/or hmcDonald@sawgrassllc.com. Prospective bidders may examine the Bidding Documents at this office Monday through Friday between 9:00 a.m. and 4:00 p.m.

A pre-bid conference will be held in the Council Chambers at City Hall at 10:00 a.m. CDT on Thursday, April 6, 2017. In the pre-bid conference, the City will review the scope of work and the desired result.

To be eligible for consideration, bids must be submitted on complete original proposal forms found in the Invitation to Bid package. **The specifications and all executed bid forms must be submitted in a sealed envelope, clearly marked, identifying the Contractor's license number, the Contractor's name and address, the bid name, and the date of the bid opening.** It shall be the sole responsibility of the bidder to assure receipt of the bid at Orange Beach City Hall prior to the published time for the bid opening. **The envelopes must also be "Date and Time" stamped at the receptionist's desk when the bid packages are turned in.**

All Bidders must file with their bids either a cashier's check drawn on an Alabama bank or a bid bond executed by a surety company duly authorized and qualified to make bonds in the State of Alabama and made payable to the City of Orange Beach in the amount of five (5%) percent of the Contractor's bid but in no event more than \$10,000, and shall have a current State of Alabama General Contractors License. Furthermore, any Contractor that desires to bid as prime Contractor must have at least one of the following major classifications of license per Section 230-X-.27 of the State of Alabama Licensing Board for General Contractors Administrative Code:

- a) Highways and Streets
- b) Municipal and Utility

If awarded the bid and prior to beginning work, the Contractor is required to have a current City of Orange Beach Business License, furnish a Certificate of General Liability Insurance and Workers Compensation Insurance, and proof of Automobile General Liability Insurance. Insurance Certificate provided to the City shall list the City of Orange Beach as an additional insured. A Performance Bond and Payment Bond must be executed upon award of the bid with a penalty equal to one hundred (100%) percent of the amount of the contract price.

All bidders bidding in amounts exceeding that established by the State Licensing Board for General Contractors must be licensed under the provisions of Title 34, Chapter 8, Code of Alabama, 1975, and must provide evidence by including a copy of his or her current license in the sealed envelope in which the proposal is delivered.

The City of Orange Beach reserves the right to accept or reject any or all bids and to waive technical errors if, in the City's judgment, the best interests of the City will thereby be promoted.

Owner: City of Orange Beach, Alabama

City of Orange Beach, Alabama
CONTRACT DOCUMENTS,
PROPOSAL AND SPECIFICATIONS

City of Orange Beach
Bayou Road and Cobia Avenue Road Improvements
Project 2017- #16-336

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SECTION II

INSTRUCTIONS TO BIDDERS

Hereinafter Contract Documents shall include "Contract Documents, Proposal and Specifications", Sections I through Appendix; Owner shall be City of Orange Beach; Engineer shall be Sawgrass Consulting, LLC.

1. RECEIPT AND OPENING OF BIDS:

The Owner invites bids on the form attached hereto, all blanks of which must be appropriately filled in. Bids will be received by the Owner at City of Orange Beach City Hall until 10:00 A.M., local time on April 13, 2017. The envelopes containing the bids must be sealed and addressed to City of Orange Beach. The Contractor's name and **license number** must be clearly shown on the outside of the envelope. **The entire booklet must be submitted as the bid.**

Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered.

Forms furnished, or copies thereof shall be used, and strict compliance with requirements of the invitation, these instructions and the general specifications for material and construction are necessary. Bidders must make their own estimates of the facilities and difficulties attending the proposed contract, including local conditions, uncertainty of weather, quantities and all other contingencies. All designations and prices shall be fully and clearly set forth. The proper blank spaces in the bid and guaranty forms shall be suitably filled in.

2. TELEGRAPHIC MODIFICATION:

Any bidder may modify his bid by telegraphic communication at any time prior to the scheduled closing time for receipt of bids, provided such telegraphic communication is received by the Owner prior to the closing time and provided further, the Owner is satisfied that a written confirmation of the telegraphic communication of the telegraphic modification over the signature of the bidder was mailed prior to closing time. If written confirmation is not received with two (2) days from the closing time, no consideration will be given to the telegraphic modification.

3. LABOR AND MATERIALS:

The Owner will not furnish any labor, material, or supplies unless specifically provided for in the contract. This obligation is strictly upon the bidder unless otherwise noted.

4. SIGNATURE TO BIDS:

Each bid must give the full business address of the bidder and be signed by him with his usual signature. Bids by partnerships must furnish the full names of all partners and must be signed with the partnership name by one of the members of the partnership, or by an authorized representative, followed by the signature and designation of the person signing. Bids by corporations must be signed with the legal name of the corporation followed by the name of the State of Incorporation and by the signature and designation of the president, secretary, or other person authorized to bind it into the matter. The name of each person shall also be typed or printed below the signature. A bid by a person who affixes to his signature the word "president", "secretary", "agent", or other designation without disclosing his principal, may be held to the bid of the individual signing. When requested by the Owner, satisfactory evidence of the authority of the officer signing on behalf of the corporation shall be furnished.

5. **BIDDER QUALIFICATIONS:**

The Owner may make a request as he deems necessary to determine the ability of the bidder to perform the work, and the bidder shall furnish to the Owner all such information and data for this purpose as the Owner may request. It is the preference of the City of Orange Beach that the bidder be pre-qualified by the Consultant to perform the work. **If awarded and prior to beginning work, the Contractor is required to have a current City of Orange Beach Business License.**

6. **GUARANTY AND INSURANCE:**

Security is required to insure the execution of the Contract and bond for performance of the services, and no bid will be considered unless it is so guaranteed. The bidders must furnish with their bid a Guaranty Bond or certified check in the amount of five (5%) percent of their bid price, but in no event more than ten thousand (\$10,000.00) dollars, payable to the Owner. Certified check or Bid Bonds, will, at the option of the Owner, be deposited into the funds of the Owner, as liquidated damages upon failure of the successful bidder to execute the written Contract and furnish the insurance coverage as hereinafter required, within ten consecutive calendar days following written notice of the award of the Contract.

7. **BONDS AND INSURANCE:**

The bonds and insurance policies of any surety company or insurance company respectively, authorized to do business in the State of Alabama will be accepted as security and insurance as required, for any bid or contract. See the instruction hereinafter contained and the applicable standard forms with respect to the type, form and amounts of required bonds and insurance policies.

8. **SPECIFICATIONS AND SCHEDULES:**

The specifications, conditions, schedules and drawings which form the basis of any bid will be considered as a part thereof and will form a part of the Contract. Copies of these papers, together with a copy of the standard contract form, including authorized additions, or deletions, if any, will be furnished to or made available for the inspection of bidders by the office indicated in the advertisement or invitation.

9. **CORRECTIONS:**

Erasures or other changes in the bids must be explained or noted over the signature of the bidder.

10. **WITHDRAWAL OF BIDS:**

Bids may be withdrawn by written or telegraphic request received from bidders prior to the time fixed for opening. Negligence on the part of the bidder in preparing the bid confers no right for the withdrawal of the bid after it has been opened.

11. **BIDDERS PRESENT:**

At the time fixed for the opening of the bids, their contents will be made public for the information of bidders and others properly interested, who may be present either in person or by representation.

12. **AWARD OR REJECTION OF BIDS:**

The contract will be awarded to the lowest responsible bidder complying with the conditions of the invitation for bids, provided his bid is reasonable and it is to the best interest of the Owner to accept it. The bidder to whom the award is made will be notified at the earliest possible date. The Owner, however, reserves the right to reject any and all bids and to waive informality in bids received whenever such rejection or waiver is in the interest of the Owner.

It also reserves the right to reject the bid of a bidder who has previously failed to perform properly or complete on time a contract of a similar nature, or a bid of a bidder who is not in a position to perform the contract.

13. BIDDERS INTERESTED IN MORE THAN ONE BID:

If more than one bid be offered by any one party, by or in the name of his or their clerk, partner or other person, all such bids may be rejected. A party who has quoted prices on materials to a bidder is not thereby disqualified from quoting prices to other bidders or from submitting a bid directly for the materials or work.

14. ERRORS IN BID:

Bidders or their authorized agents are expected to examine the maps, drawings, specifications, and all other instructions pertaining to the work, which will be open to their inspection. Failure to do so will be at the Bidder's own risk, and he cannot secure relief on the plea of error in the bid. In case of error in the extension of prices, the unit price, will govern.

15. CONTRACT AND BOND:

The bidder to whom award is made must, when required, enter into written contract on the Contract Document provide herein with satisfactory security of 100 Percent Payment and Performance Bond in the amount required, within the period specified or, if no period is specified, within then (10) days after the prescribed forms are presented to him for signature.

16. COLLUSION:

If there is any reason for believing that collusion exists among the Bidders, any or all proposals may be rejected, and those participating in such collusion may be barred from submitting bids on the same or other work with the Owner.

17. SUBLETTING OR ASSIGNING OF CONTRACT:

(a) Limitations: The Contractor shall not sublet, assign, transfer, convey, sell or otherwise dispose of any portion of the contract, his right, title, or interest therein, or his power to execute such contract, to any person, firm or corporation without written consent of the Owner and such written consent shall not be construed to relieve the Contractor of any responsibility for the fulfillment of the contract. Unless otherwise stipulated in the proposal or special provisions and with the assistance of workmen under his immediate superintendence and reported on his payroll, all contract work of a value not less than forty percent (40%) of the total contract amount, except that any items designated in the contract as "Specialty Items" may be performed by subcontract, may be deducted from the total contract amount before computing the amount of work required to be performed by the contractor with his own organization.

(b) Subcontractor's Status: A subcontractor shall be recognized only in the capacity of an employee or agent of the contractor and the contractor will be responsible to the Owner for all of the subcontractor's work, including failures or omissions; and his removal may be required by the Engineer, as in case of an employee.

18. TIME OF COMPLETION:

Bidders must agree to commence on or before a date to be specified in written "work order" of the Owner and to fully complete the project within seventy-five (75) calendar days thereafter.. The bidder must agree also to pay as liquidated damages, the sum shown in this document for each calendar day required thereafter.

19. ADDENDA AND INTERPRETATIONS:

No interpretation of the meaning of the plans, specifications or other pre-bid documents will be made to any bidder orally.

Every request for such interpretation should be in writing, addressed to Sawgrass Consulting, LLC, 11143 Old Hwy 31, Spanish Fort, Alabama 36527, and to be given consideration, must be received at least five (5) days prior to the date fixed for the opening of bids. Any and all such interpretations and any supplemental instructions will be in the form of written addenda to the specifications which if issued, will be forwarded by electronic facsimile (fax) or mailed by certified mail with return receipt requested to all prospective bidders (at the respective addresses furnished for such purposes). Failure of any bidder to receive any such addendum or interpretation shall not relieve such bidder from any obligation under his bid as submitted. All addenda so issued shall become part of the contract documents.

20. POWER OF ATTORNEY:

Attorneys-in-fact who sign bid bonds or contract bonds must file with each bond a certified and effectively dated copy of their power of attorney.

21. LAWS AND REGULATIONS:

The bidders attention is directed to the fact that all applicable state laws, municipal ordinances, and rules and regulations of all authorities having jurisdiction over construction of the project shall apply to the contract throughout, and they will be deemed to be included in the contract the same as though herein written out in full.

22. OBLIGATION OF BIDDER:

At the time of the opening of bids each bidder will be presumed to have read and to be thoroughly familiar with the plans and contract documents (including all addenda). The failure or omission of any bidder to examine any form, instrument or document shall in no way relieve any bidder from any obligation in respect of his bid.

23. QUANTITIES:

The quantities indicated are to aid the contractor in bidding only and any variance upward or downward in quantities shown will not alter the contract unit price.

24. UTILITIES:

All information given on the drawings or in the contract documents relative to existing utilities and other structures is from the best source at present available. All such information is furnished only for the information and convenience of the bidders.

The Contractor shall be responsible for any damages to existing utilities and shall repair and/or replace any damages to said utilities at his own expense.

25. MAINTENANCE PERIOD:

The Contractor will be required to maintain the project for a period of ninety (90) calendar days after acceptance by the Owner and warranty the project for one full calendar year upon substantial completion.

SECTION III

CERTIFICATE OF
CONTRACTOR'S AND SUBCONTRACTOR'S INSURANCE TO OWNER

OWNER: _____ DATE: _____

This is to certify that the policies designated below have been issued by the _____ and are in full force on the date borne by this certificate.

1. Location and designation of project:
City of Orange Beach, Bayou Road and Cobia Avenue Road Improvements
City of Orange Beach, Alabama

2. Name and address of insured for whom this certificate is issued:

3. Type of insurance/Limits of Liability

- (a) Workmen's Compensations:

_____	_____	_____
(policy number)	(exp. date)	(coverage)
(one person)		(aggregate)
		(one accident)

- (b) Contractor's Public Liability:

1. Bodily Injury:

_____	_____	_____
(each person)	(each occurrence)	(total coverage)

2. Property Damage:

_____	_____
(each accident)	(aggregate)

- (c) Automobile (Motor Vehicle):

1. Bodily Injury:

_____	_____	_____
(each person)	(each occurrence)	(total coverage)

2. Property Damage:

_____	_____
(each accident)	(aggregate)

(d) Owner's Protective Liability:

(Each Occurrence)
(Bodily Injury)

(Each Occurrence)
(Property Damage)

Such insurance as is afforded by the above policies covers the operations undertaken by the insured with respect to the construction of the project above designated. The insurance afforded by the above designated policies, specimen copies of which have been filed with the Owner, and to each of which is attached for following endorsement.

The insurer agrees with the insured as follows:

1. That it will furnish to said Owner a certificate of insurance in triplicate on a form approved for such purpose by said Owner, setting forth the pertinent information regarding the policy to which this endorsement is attached, for each project of said Owner to which the policy applies.
2. That it will attach to each said certificate of insurance executed copies of any endorsement other than this endorsement which are attached to said policy at the time said policy is issued, provided only that said endorsements affect the coverage of said policy in respect of operations involved in the construction of the projects of said Owner to which the policy applies.
3. That it will mail to the Owner three executed copies of each endorsement subsequently issued to become a part of said policy provided only that endorsement affects the coverage of said policy in respect of operations involved in the construction of the project of said Owner which the policy applies, and provided further that such endorsement shall not be effective unless such notice is given to the Owner at the same time that notice thereof is given to the insured.
4. That it will mail to the Owner at least ten (10) days before the effective date thereof notice of cancellation of said policy, provided no cancellation shall be effective unless such notice is given to the Owner.

Insurer

BY _____
Authorized Representative

SECTION IV

INSTRUCTIONS TO CONTRACTORS AND INSURERS

CONTRACTOR'S AND SUBCONTRACTOR'S INSURANCE:

The Contractor shall not commence work under this Contract until he has obtained all the insurance required under this certificate and such insurance has been approved by the Owner, nor shall the Contractor allow any subcontractor to commence work on his subcontract until the insurance required of the subcontractor has been so obtained and approved.

COMPENSATION INSURANCE:

The Contractor shall procure and shall maintain during the life of this Contract Workmen's Compensation Insurance for all his employees to be engaged in work on the project under this Contract, and in case of any such work sublet, the Contractor shall require the subcontractor similarly to provide Workmen's Compensation Insurance for all of the latter's employees to be engaged in such work unless such employees are covered by the protection afforded by the Contractor's Workmen's Compensation Statute, the Contractor shall provide and shall cause each subcontractor to provide adequate Employer's General Liability Insurance for the protection of such of his employees as are not otherwise protected.

CONTRACTOR'S PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE:

The Contractor shall procure and shall maintain during the life of this Contract a Comprehensive Liability Policy providing bodily injury coverage on an occurrence basis and property damage coverage on an accident basis, including damage arising from blasting, explosion or collapse, mechanical equipment digging in streets or highways, and including completed operations, independent Contractors, and Contractual General Liability Insurance shall be \$1,000,000 combined single limit per occurrence for bodily injury and property damage; \$2,000,000 aggregate.

The Contractor agrees to maintain such completed operations coverage as is required in this section for a period of one year from the date of acceptance of the work by the Owner or at the date of the final amounts owed the Contractor by the Owner, whichever occurs first.

COMPREHENSIVE AUTOMOBILE LIABILITY INSURANCE:

The Contractor agrees to carry a Comprehensive Automobile Liability Policy providing bodily injury liability on an occurrence basis, and providing property damage liability on an accident basis. This policy shall protect the Contractor against all liability arising out of the use of automobiles, both private, passenger, and commercial, regardless of whether such vehicles shall be owned by the Contractor, owned by others or be hired. Limits of liability for Comprehensive Automobile Liability Insurance shall be \$1,000,000 combined single limit per occurrence for bodily injury and property damage.

OWNER'S PROTECTIVE LIABILITY INSURANCE: The Contractor shall at his expense provide Owner Protective Liability Policies issued in the names of the **Owner and Engineer** covering their liability for operation of the Contractor. These policies shall provide limits of liability in the amount of \$1,000,000 combined single limit per occurrence for bodily injury and property damage; \$2,000,000 aggregate.

The following items should be listed in "Description of Operations" section of the certificate:

Name of Owner listed as Additional Insured

Description of the Road Improvement shall be listed for insurance coverage clarification

INDEMNITY PROVISIONS:

The Contractor shall indemnify and hold harmless the Owner and the Engineer and their agents and employees from and against all claims, damages, losses, demands, payments, suits, actions, recoveries and judgments of every nature and description and expensed including attorneys' fees arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss or expense: (1) is attributable to bodily injury, sickness,

disease or death, or to injury to or destruction of tangible property (other than the Work itself) including the loss of use resulting therefrom; and (2) is caused in whole or in part by a negligent act or omission of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder.

The Contractor shall assume all risk and bear any loss or injury to property or persons occasioned by neglect or accident during the progress of Work until the same shall have been completed and accepted. He shall also assume all blame or loss by reason of neglect or violation of any state or federal law or municipal rule, regulation or order. The Contractor shall give to the proper authorities all required notices relating to the Work, obtain all official permits and licenses and pay all proper fees. He shall make good any injury that may have occurred to any adjoining building, structure or utility in consequence of the Work.

In any and all claims against the Owner or the Engineer or any of their agents or employees by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under the "INDEMNITY PROVISIONS" shall not be limited in any way by any limitation on the amount or types of damages, compensation or benefits payable by or for the Contractor or any subcontractor under workmen's compensation acts, disability benefit acts or other employee benefit acts.

The obligations of the Contractor under these Paragraphs shall not extend to the liability of the Engineer's negligent acts, errors or omissions, or those of his employees or agents.

SUBCONTRACTOR'S PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE:

The Contractor shall require each of his subcontractors to produce and maintain during the life of his subcontract, subcontractor's Public Liability and Property Damage Insurance of the type specified in the above paragraph hereof in amounts approved by the Owner.

This certificate shall be used in submitting evidence of compliance with the above requirements. The insurance company's representative shall execute four signed copies of the certificate plus such additional copies as may be required for the company's records. One executed copy shall be forwarded to the Contractor for attachment to the original policy as an endorsement and three copies shall be submitted to The Owner.

Three executed copies of each subsequent endorsement affecting the coverage of policies, and of each cancellation shall be forwarded to The Owner in accordance with Items 3 and 4 of the insurer's agreement contained in this certificate.

SECTION V

PROPOSAL

DATE: _____

Proposal of _____

Alabama License No. _____ for constructing **City of Orange Beach Bayou Road and Cobia Avenue Road Improvements**, for the performance of all work and the furnishing of all labor and materials required by the Contract terms, specifications, and special provisions.

The specifications are attached hereto and specified and made a part hereof.

TO: **City of Orange Beach, Alabama**

Dear Sirs:

The following proposal is made on behalf of _____ and no others. Evidence of authority to submit the proposal is herewith furnished. The proposal is made without collusion on the part of any person, firm, or corporation.

___ certify that ___ have carefully examined the plans for this project and the specifications hereto attached including the special provisions, and have also personally examined the site of work. On the basis of the specifications and plans ___ propose to furnish all necessary machinery, tools, apparatus, and other means of construction, and do all the work and furnish all the material in the manner specified.

___ further agree to complete all the work in Seventy-five (75) calendar days.

___ understand that the quantities below are approximate only and are subject to either increase or decrease, and hereby propose to perform any increased or decreased quantities of work at the unit prices bid.

___ further propose to perform all "Force Account or Extra Work" that may be required of ___ on the basis provided in the specifications hereto attached, and to give such work _____ personal attention in order to see that it is economically performed.

___ further propose to execute the attached Contract Agreement as soon as the work is awarded to _____ and to begin and complete the work within the respective time limit provided for in the specifications and Notice to Contractors hereto attached.

The following items shall be constructed in accordance with the State of Alabama Department of Transportation Standard Specifications for Highway Construction, Latest Edition, and the **City of Orange Beach** Design and Construction Standard, with all the latest additions and amendments, except as modified herein:

NOTES:

1. The following unit prices shall include all labor, materials, equipment removal, overhead, profit, insurance, etc., to cover the finished work of the several kinds called for.
2. Bidder understands that the Owner reserves the right to reject any and all bids.
3. The Bidder understands that he must submit this entire booklet with the bid.
4. The Bidder understands that the unit prices govern for all pay items pricing submitted.

SCHEDULE OF ITEMS

SITE #1- COBIA AVENUE

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
206-C1	ASPHALT REMOVAL	SY	555		
206-C2	CONCRETE DRIVEWAY REMOVAL	SY	25		
206-C3	HEADWALL/FLUME REMOVAL	EA	2		
206-D1	REMOVAL OF PIPE, 29X18	LF	46		
206-D2	CONCRETE VALLEY CURB REMOVAL	LF	248		
210-A	UNCLASSIFIED EXCAVATION	CY	50		
210-D	BORROW EXCAVATION, INCL. BACKFILL	CY(TBM)	120		
214-B	FOUNDATION BACKFILL, COMMERCIAL	CY	20		
301-A	CRUSHED AGGREGATE BASE COURSE, THICKNESS VARIES	SY	778		
408-A	PLANING EXISTING PAVEMENT (APPROX. 0.75 (MIN) TO 1" (MAX) THICK)	SY	1,150		
429-A1	BIT. CON. WEARING SURFACE LAYER, ½" MAX AGG SIZE, ESAL RANGE B, 165 LBS/SY	TON	130		

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
429-B1	BIT CONC. BINDER, PATCHING, LEVELING LAYER, ¾ MAX AGG SIZE, ESAL RANGE B, 165 LBS/SY	TON	24		
533-A	15" STORM SEWER PIPE, HDPE	LF	268		
533-B1	18"X11" STORM SEWER PIPE, RCAP	LF	66		
533-B2	29"X18" STORM SEWER PIPE, RCAP	LF	68		
620-A	MINOR STRUCTURE CONCRETE	CY	3		
619-B	3:1 SLOPE PAVED HEADWALL, 29"X18"	EA	1		
621-C1	INLET, TYPE GRATE	EA	1		
621-C2	INLET, TYPE DOUBLE-S	EA	2		
621-C3	INLET, (TYPE X) - GRATE	EA	2		
623-C	CONCRETE CURB and GUTTER	LF	433		
654-A	SOLID SODDING	SY	800		
665-J	SLIT FENCE, TYPE A	LF	200		
665-Q	WATTLES	LF	100		
	SITE #1 SUBTOTAL AMOUNT				

SITE #2- BAYOU ROAD

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
206-C1	EXISTING BRICK PAVER REMOVAL (PRESERVE)	SY	40		

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
206-C2	ASPHALT REMOVAL	SY	880		
210-A	UNCLASSIFIED EXCAVATION	CY	250		
210-D	BORROW EXCAVATION	CY(TBM)	66		
230-A	ROADBED PROCESSING	STA	6		
301-A	CRUSHED AGGREGATE BASE COURSE, 5" THICK	SY	950		
405-A	TACK COAT, 0.075 GAL/SY	GAL	70		
429-A	BITUMINOUS CONCRETE WEARING SURFACE LAYER, 165 LBS/SY (incl. TACK)	TON	80		
623-B	TYPE "F" CURB, 6" THICK	LF	75		
623-C	COMBINATION CURB and GUTTER	LF	125		
654-A	SOLID SODDING	SY	250		
665-A	SLIT FENCE, TYPE A	LF	400		
674-A	CONSTRUCTION SAFETY FENCE	LF	200		
999-A	BRICK PAVERS (INCLUSIVE)	SY	40		
	SITE #2 SUBTOTAL AMOUNT				

BOTH SITES

ITEM #	DESCRIPTION	UNIT	QTY	UNIT PRICE	AMOUNT
600-A	MOBILIZATION	LS	1		
740-A	TRAFFIC CONTROL	LS	1		
	BOTH SITES SUBTOTAL AMOUNT				

TOTAL BID AMOUNT	\$
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CONTRACTOR'S NAME & GENERAL CONTRACTOR'S LICENSE NUMBER

.....

____ also propose to furnish a Contract Performance Bond, approved by the Owner in an amount equal to the total amount of the bid. This bond shall serve not only to guarantee the completion of the work on ____ part, but also to guarantee the excellence of both workmanship, and materials until the work is finally accepted.

Signature of Bidder (If Firm or Individual) _____

By: _____

Address of Bidder _____

Names and Addresses of Members of Firm _____

Signature of Bidder (Corporation)_____

President Business Address _____

Sect. & Treas. Business Address _____

Attest: _____ Incorporated in _____
State

(CORPORATE SEAL)

ITEM VI

BID BOND

KNOW ALL MEN BY THESE PRESENTS:

That _____ of
(Name of Contractor)

(Address)

as Principal, and _____ of
(Name of Surety)

_____, as Surety, are held and
(Address)

firmly bound unto **CITY OF ORANGE BEACH ALABAMA** as Obligee, in the full and just sum of FIVE PERCENT (5%) OF AMOUNT BID lawful money of the United States, for the payment (maximum amount of bond \$10,000) of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the said Principal is herewith submitting its proposal for:

CITY OF ORANGE BEACH BAYOU ROAD AND COBIA AVENUE ROAD IMPROVEMENTS

The condition of this obligation is such that if the aforesaid Principal shall be awarded the Contract the said Principal will, within the time required, enter into a formal Contract and give a good and sufficient bond to secure the performance of the terms of and conditions of the Contract, then this obligation to be void; otherwise, the Principal and the Surety will pay unto the Obligee the difference in money between the amount of the Contract as awarded and the amount of the proposal of the next lowest bidder, which amount shall not exceed ten thousand (\$10,000.00) dollars. If no other bids are received, the full amount of the proposal guarantee shall be so retained or recovered as liquidated damages for such default.

Signed, Sealed and Delivered _____
Date

Witness as to Principal: _____
Contracting Firm

BY: _____ (SEAL)

COUNTERSIGNED: _____ (SEAL)
Name of Surety

_____ BY: _____

BIDS WILL NOT BE CONSIDERED UNLESS BID BOND IS SIGNED BY PRINCIPAL AND SURETY.

SECTION VII

PERFORMANCE BOND

KNOW ALL MEN: That we _____

(Insert here the name and address or legal title of the Contractor)

_____ hereinafter called the Principal,

(Insert here the name and address or legal title of one or more Sureties)

_____ and

_____ and

_____ hereinafter called the Surety or Sureties, are held and firmly bound unto the Owner in the sum of _____ (\$ _____) for the payment whereof the Principal and the Surety or Sureties bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, firmly, by these presents.

WHEREAS, the Principal has, by means of a written agreement, dated _____ entered into a Contract with the Owner for **City of Orange Beach Bayou Road and Cobia Avenue Road Improvements**, which agreement is by reference made a part hereof,

NOW THEREFORE, The conditions of this obligation are such that if the Principal shall faithfully perform the Contract on his part, and satisfy all claims and demands, incurred for the same, and shall fully indemnify and save harmless the Owner from all cost and damage which he may suffer by reason of failure to do so, and shall reimburse and repay the Owner all outlay and expense which the Owner may incur in making good for any such default thence this obligation shall be null and void; otherwise, it shall remain in full force and effect.

PROVIDED, HOWEVER, that no suit, action or proceedings, by reason of any default whatever be brought on his bond after twelve months from the day on which the final payment under the Contract falls due.

PROVIDED, further, that the said Surety or Sureties, for value received hereby stipulate and agree that no change, extension of time, or addition to the terms of the Contract or to the work to be performed thereunder of the specifications thereof shall in any way effect their obligations on this bond, and they do hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract, or to the work, or to the specifications.

SIGNED, SEALED, AND DELIVERED this _____ day of _____.

(Individual Principals Sign Here)

Witnesses:

_____(SEAL)
_____(SEAL)
_____(SEAL)
_____(SEAL)

Attest:

(Corporate Principal Sign Here)

BY: _____

Attest:

(Surety Sign Here)

COUNTERSIGNED:

BY: _____

SECTION VIII

LABOR AND MATERIALS BOND

KNOW ALL MEN BY THESE PRESENTS, THAT WE _____ as Principal, and _____ as Surety, are held and firmly bound unto said Owner, hereinafter called the Obligee, in the penal sum of _____ Dollars (\$_____) lawful money of the United States, for the payment of which sum and truly to be made, we bind ourselves, our heirs, personal representatives, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has entered into a certain Contract with said Obligee, dated _____ (hereinafter called the Contract) for **City of Orange Beach Bayou Road and Cobia Avenue Road Improvements**, and the specifications for said work shall be deemed a part hereof as fully as if set out herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH THAT if the said Principal and all subcontractors to whom any portion of the work in said Contract is sublet and all assignees of said Principal and of such subcontractors shall promptly make payments to all persons supplying him or them with labor, materials, or supplies for or in the prosecution of the work provided for in such Contract, or any amendment or extension of or addition to said Contract, and for the payment of reasonable attorney's fees incurred by the successful claimant or plaintiffs in suits or claims against the Contractor arising out of or in connection with the said Contract, then the above obligation shall be void; otherwise to remain in full force and effect.

PROVIDED, HOWEVER, that this bond is subject to the following conditions and limitations.

- (a) Any person, firm or corporation that has furnished labor, materials, or supplies for or in the prosecution of the work provided for in said Contract shall have a direct right to action against the Principal and Surety on this bond, which right of action shall be asserted in a proceeding, instituted in the County in which the work provided for in said Contract is to be performed or in any County in which said Principal or Surety does business. Such right of action shall be asserted in a proceeding instituted in the name of the claimant or claimants for his or their use and benefit against the Principal and Surety or either of them (but not later than one (1) year after the final settlement of said Contract falls due) in which action such claim or claims shall be adjusted and judgment rendered thereon.
- (b) The Principal and Surety hereby designate and appoint _____, or his successor or representative as the agent of each of them to receive and accept services of process or other pleading issued, or filed in any proceeding instituted on this bond and hereby consent that such service shall be the same as personal service on the Principal and/or Surety.
- (c) The Surety shall not be liable hereunder for any damages or compensation recoverable under Workmen's Compensation or Employer's Liability Statute.
- (d) In no event shall the Surety be liable for a greater sum than the penalty of this bond, or subject to any suit, action or proceeding thereon that is instituted later than one year after the final settlement of said Contract.
- (e) This bond is given pursuant to the terms of an Act of the Legislature of the State of Alabama approved February 8, 1935, entitled: "An Act to further provide for Bonds and Contractors on State and other public works and suits thereon".
- (f) The full name and residence of each individual party to the bond must be inserted in the first paragraph.

(g) If the Principal is a partnership, the full name of all partners must be inserted in the first paragraph which must recite that they are the partners composing the partnership (to be named) and all partners must execute the bond as individuals.

(h) The State of Incorporation of each corporate party to bond must be inserted in the first paragraph and the bond must be executed under the Corporate Seal of each party attested by its secretary or other appropriate officer.

(i) The date of the bond must not be prior to the date of the Contract.

SIGNED, SEALED, AND DELIVERED this _____ day of _____.

(Individual Principals Sign Here)

Witnesses:

_____(SEAL)
_____(SEAL)
_____(SEAL)
_____(SEAL)

Attest:

(Corporate Principal Sign Here)

BY:_____

Attest:

(Surety Sign Here)

BY:_____

SECTION IX

CONTRACT FOR CONSTRUCTION

THIS CONTRACT, entered into this _____ day of _____, by **CITY OF ORANGE BEACH, ALABAMA**, hereinafter called the Owner, Party of the First Part, and _____ a Corporation organized and existing under the laws of the State of _____, a Partnership consisting of _____ of the City of _____ in the State of _____, or _____, an individual, hereinafter called the Contractor, Party of the Second Part,

WITNESSETH: That the parties hereto do mutually agree as follows:

The Contractor shall furnish the labor, materials and perform the work for the construction of:

City of Orange Beach

Bayou Road and Cobia Avenue Road Improvements

and other work, complete in place with all appurtenances, for the consideration of the unit prices set forth in the Contractor's proposal (estimated to total \$_____) for the various items of work and in strict and entire conformity with the provisions of the Contract, the advertisement and proposal, the plans, general conditions, special provisions and supplemental specifications, and specifications prepared (or approved) and submitted by the Owner, copies of which are hereto attached, and which said plans and specifications and the advertisement and the proposal are hereby made a part of this agreement as fully and to the same effect as if the same has been set forth at length in the body of this Agreement.

The work shall be commenced within ten (10) days of the date specified in a work order to be issued to the Contractor by the Owner, or its authorized representative, and shall be completed within Seventy-Five (75) calendar days from and after the commencement date stipulated in said work order. It is mutually agreed between the parties hereto that time is the essence of this Contract, and in the event the construction of the Work is not completed within the time herein specified, it is agreed that from the compensation otherwise to be paid to the Contractor, the first party may retain as liquidated damages, \$550.00 for each calendar day beyond the required date of completion.

IN WITNESS WHEREOF, the parties hereto have executed this Contract as of the day and year first above written.

WITNESS:

CITY OF ORANGE BEACH

BY: _____

Official Title

WITNESS:

Asphalt Services, Inc.

BY: _____

Business Address

Telephone Number

Federal ID #

I, _____, certify that I am the _____ of the corporation named as Contractor herein that _____, who signed this Contract on behalf of the Contractor, was then _____ of said corporation: that said Contract was duly signed for and in behalf of said corporation by authority of its governing body, and is within the scope of its corporation by authority of its corporate powers.

(CORPORATE SEAL)

STATE OF ALABAMA

COUNTY OF _____)

I, the undersigned authority, a Notary Public in and for said State and County, hereby certify that _____
_____ whose name as _____ of _____, is
signed to the foregoing instrument, and who is known to me, acknowledged before me on this day, that being
informed of the contents of the within instrument, he, as such officer and with full authority executed the same
voluntarily and as the act of said corporation.

Given under my hand and Official Seal this the _____ day of _____

NOTARY PUBLIC

MY COMMISSION EXPIRES

STATE OF ALABAMA

COUNTY OF _____)

I, the undersigned authority, a Notary Public in and for said State and County, hereby certify that _____
_____ whose name as _____, of _____
_____, acknowledged before me on this day that, being informed of the contents of the within instrument he, in
his capacity as such, executed the same voluntarily on the day the same bears date.

Given under my hand and seal this _____ day of _____

NOTARY PUBLIC

MY COMMISSION EXPIRES

SECTION X

GENERAL CONDITIONS

1. CONTRACT AND CONTRACT DOCUMENTS:

The Plans, Specifications and Addenda, hereinafter enumerated in Paragraph 1 of the General Conditions shall form part of this Contract the provisions thereof shall be as binding upon the parties hereto as if they were herein fully set forth. The table of contents, titles, headings, running headlines and marginal notes contained herein and in the said documents are solely to facilitate reference to various provisions of the Contract Documents and in no way affect, limit or cast light on the interpretation of the provisions to which they refer.

Contents

1. Contract and Contract Documents
2. Additional Instructions and Detail Drawings
3. Shop Drawings
4. Materials, Services, and Facilities
5. Contractor's Title to Materials
6. Inspection and Testing of Materials
7. "Or Equal" Clause
8. Patents
9. Surveys, Permits and Regulations
10. Contractor's Obligations
11. Weather Conditions
12. Protection of Work and Property--Emergency
13. Reports, Records and Data
14. Supervision by Contractor
15. Changes in Work
16. Extras
17. Owner's Right to Perform Work
18. Time for Completion and Liquidated Damages
19. Correction of Work
20. Subsurface Conditions Found Different
21. Claims for Extra Cost
22. Right of Owner to Terminate Contract
23. Construction Schedule and Periodic Estimates
24. Payments to Contractor
25. Acceptance of Final Payment Constitutes Release
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28. Contract Security
29. Additional or Substitute Bond
30. Assignments
31. Mutual Responsibility of Contractors
32. Separate Contract
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34. Engineer's Authority
35. Stated Allowances
36. Use of Premises and Removal of Debris
37. Lands and Rights-of-Way
38. General Guaranty
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40. Notice and Service Thereof
41. Provisions Required by Law Deemed Inserted

42. Protection of Lives and Health
43. Other Prohibited Interests
44. Use and Occupancy Prior to Acceptance by Owner
45. Project Documentation
46. Suspension of Work
47. Underground Utilities and Services
48. Existing Utilities
49. Erosion Control
50. Plans and Specifications Furnished
51. Public Convenience
52. Equipment
53. Determination of Lines and Grades
54. Contract Close-Out

The following terms are used in this contract are respectively defined as follows:

- (a) "Contractor": A person, firm or corporation with whom the contract is made by the Owner.
- (b) "Subcontractor": A person, firm or corporation supplying labor and materials or only labor for work at the site of the project for, and under separate contract or agreement with the Contractor.
- (c) "Work on at the project": Work to be performed at the location of the project, including the transportation of materials and supplies to or from the location of the project by employees of the Contractor and any Subcontractor.

2. ADDITIONAL INSTRUCTION AND DETAIL DRAWINGS:

The Contractor will be furnished additional instructions and detail drawings as necessary to carry out the work included in the contract. The additional drawings and instruction thus supplied to the Contractor will coordinate with the Contract Documents and will be so prepared that they can be reasonable interpreted as part thereof. The Contractor shall carry out the work in accordance with the additional detail drawing and instructions. The Contractor and the Engineer will prepare jointly (a) schedule, fixing the dates at which special detail drawings will be required, such drawings, if any, to be furnished by the Engineer in accordance with said schedule, and (b) a schedule fixing the respective dates for the submission of shop drawings, the beginning of manufacture, testing and installation of materials, supplies and equipment, and the completion of the various parts of the work; each such schedule to be subject to change from time to time in accordance with the progress of the work.

3. SHOP DRAWINGS:

The Contractor shall submit to the Engineer for review, five (5) copies of all Shop Drawings, plus the number of copies the Contractor wishes to have returned to him after the Engineer's review, collated according to the organization of the accepted schedule of Shop Drawings, which has written indication that the Contractor has satisfied their responsibilities under the Contract. All Shop Drawing submissions shall be identified on enclosure and show Project name and Project number. The information shown on the Shop Drawings will be complete with respect to all design criteria, materials, and similar data to enable the Engineer to review the information as required.

The Contractor shall have determined and verified all quantities, dimensions, specified performance criteria, installation requirements, materials, catalog numbers, and similar data prior to submission to the Engineer for review.

The Contractor shall furnish five (5) complete sets of the corrected copies of Shop Drawings including parts list, operation and maintenance manuals, lubrication charts and descriptive literature for all equipment. Also, any manufacturer's drawings of special materials required for the job shall be submitted to the Engineer for review prior to installation.

4. MATERIALS, SERVICES AND FACILITIES:

- (a) It is understood that except as otherwise specifically stated in the Contract Documents, the Contractor shall provide and pay for all materials, labor, tools, equipment, water, light, power, transportation, supervision, temporary construction of every nature, and all other services and facilities of every nature whatsoever necessary to execute, complete and deliver the work within the specified time.
- (b) Any work necessary to be performed after regular working hours, on Sundays or Legal Holidays, shall be performed without additional expense to the Owner.

5. CONTRACTOR'S TITLE TO MATERIALS:

No materials or supplies for the work shall be purchased by the Contractor or by any Subcontractor subject to any chattel mortgage or under a conditional sale contract or other agreement by which an interest is retained by the seller. The Contractor warrants that he has good title to all materials and supplies used by him in the work, free from all liens, claims or encumbrances.

6. INSPECTION AND TESTING OF MATERIALS:

- (a) All materials and equipment used in the construction of the project shall be subject to adequate inspection and testing in accordance with accepted standards. The laboratory or inspection agency shall be selected by the Owner. The Owner will pay for all laboratory inspection service direct, and not as a part of the contract.
- (b) Materials of construction, particularly those upon which the strength and durability of the structure may depend, shall be subject to inspection and testing to establish conformance with specification and suitability for uses intended.

7. "OR EQUAL" CLAUSE:

Whenever a material, article or piece of equipment is identified on the plans or in the specifications by reference to manufacturer's or vendor's names, trade names, catalogue numbers, etc., it is intended merely to establish a standard; and, any materials, article, or equipment of other manufacturers and vendors which will perform adequately the duties imposed by the general design will be considered equally acceptable provided the material, as determined by the Engineer is of equal substance and function. It shall not be purchased or installed by the Contractor without the Engineer's written approval.

8. PATENTS:

- (a) The Contractor shall hold and save the Owner and its officer, agents, servants, and employees harmless for liability of any nature or kind, including cost and expenses for, or on account of, any patented or unpatented invention, process, article or appliance manufactured or used in the performance of the contract, including its use by the Owner, unless otherwise specifically stipulated in the Contract Documents.
- (b) License or Royalty Fees: License and/or Royalty Fees for the use of a process which is authorized by the Owner of the project must be reasonable, and paid to the holder of the patent, or his authorized licensee, direct by the Owner and not by or through the Contractor.
- (c) If the Contractor uses any design, device or materials covered by letters, patent or copyright, he shall provide for such use by suitable agreement with the Owner of such patented or copyrighted design, device or material. It is mutually agreed and understood, that, without exception, the contract prices shall include all royalties or costs arising from the use of such design, device or materials, in any way involved in the work. The Contractor and/or his Sureties shall indemnify and save harmless the Owner of the project from any and all claims for infringement by reason of the

use of such patented or copyrighted design, device or materials or any trademark or copyright in connection with work agreed to be performed under this contract, and shall indemnify the Owner for any cost, expense or damage which it may be obliged to pay by reason of such infringement at any time during the prosecution of the work or after completion of the work.

9. SURVEYS, PERMITS, AND REGULATIONS:

Unless otherwise expressly provided for in the Specifications, the Owner will furnish to the Contractor centerline, clearing limits, and control points for project. The Contractor shall procure and pay all permits, licenses and approval necessary for the execution of his contract. Rules, orders, and regulations relating to performance of the work, the protection of adjacent property, and the maintenance of passageways, guard fences or other protective facilities.

Construction staking will be provided for only one time. Additional survey work will be provided by Contractor with no additional cost to the Owner. Contractor will be provided coordinates for said project upon request.

10. CONTRACTOR'S OBLIGATIONS:

The Contractor shall and will, in good workmanlike manner, do and perform all work and furnish all supplies and materials, machinery, equipment, facilities and means, except as herein otherwise expressly specified, necessary or proper to perform and complete all the work required by this contract, within the time herein specified, in accordance with the provisions of this contract and said specifications and in accordance with the plans and drawings covered by this contract any and all supplemental plans and drawings, and in the progress of the work. He shall furnish, erect, maintain, and remove such construction plant and such temporary works as may be required.

The Contractor shall observe, comply with and be subject to all terms, conditions, requirements and limitations of the contract and specifications, and shall do, carry on, and complete the entire work to the satisfaction of the Engineer and the Owner.

11. WEATHER CONDITIONS:

In the event of temporary suspension of work, or during inclement weather, or whenever the Engineer shall direct, the Contractor will, and will cause his subcontractors to protect carefully his and their work and materials against damage or injury from the weather. If in the opinion of the Engineer, any work or materials shall have been damaged or injured by reason of failure on the part of the Contractor or any of his Subcontractors so to protect his work, such materials shall be removed and replaced at the expense of the Contractor.

12. PROTECTION OF WORK AND PROPERTY—EMERGENCY:

The Contractor shall at all times safely guard the Owner's property from injury or loss in connection with this contract. He shall at all times safely guard and protect his own work, and that of adjacent property from damage. The Contractor shall replace or make good any such damage, loss or injury unless such is caused directly by errors contained in the contract or by the Owner, or his duly authorized representatives.

In case of any emergency which threatens loss or injury of property, and/or safety of life, the Contractor will be allowed to act, without previous instructions from the Engineer, in a diligent manner. He shall notify the Engineer immediately thereafter. Any claim for compensation by the Contractor due to such extra work shall be promptly submitted to the Engineer for approval.

Where the Contractor has not taken action but has notified the Engineer of any emergency threatening injury to persons or damage to the work or any adjoining property, he shall act as instructed or authorized by the Engineer.

The amount of reimbursement claimed by the Contractor on account of any emergency action shall be determined in the manner provided in Paragraph 15 of the General Conditions.

13. REPORTS, RECORDS, AND DATA:

The Contractor shall submit to the Owner such schedule of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data as the Owner may request concerning work performed or to be performed under this contract.

14. SUPERVISION BY CONTRACTOR:

At the site of the work the Contractor shall employ a construction superintendent or foreman who shall have full authority to act for the Contractor. It is understood that such representative shall be acceptable to the Engineer and shall be one who can be continued in that capacity for the particular job involved unless he ceases to be on the Contractor's payroll.

15. CHANGES IN WORK:

No changes in the work covered by the approved Contract Documents shall be made without having prior written approval of the Owner. Charges or credits for the work covered by the approved change shall be determined by one or more, or a combination of the following methods:

- (a) Unit bid prices previously approved.
- (b) An agreed lump sum.
- (c) The actual cost of:
 - 1. Labor, including foremen;
 - 2. Materials entering permanently into the work;
 - 3. The ownership or rental cost of construction plant and equipment during the time of use on the extra work;
 - 4. Power and consumable supplies for the operation of power equipment;
 - 5. Insurance; and
 - 6. Social Security and old age and unemployment contribution. To the cost under (c) there shall be added a fixed fee to be agreed upon but not to exceed fifteen (15%) percent of the actual cost of the work. The fee shall be compensation to cover the cost of supervision, overhead, bond, profit and any other general expenses.

16. EXTRAS:

Without invalidating the contract, the Owner may order extra work or make changes by altering, adding to or deducting from the work, the contract sum being adjusted accordingly and the consent of the Surety being first obtained where necessary or desirable. All the work of the kind bid upon shall be paid for at the price stipulated in the proposal, and no claims for any extra work or materials, shall be allowed unless the work is ordered in writing by the Owner or its Engineer, acting officially for the Owner, and the price is stated in such order.

17. OWNER'S RIGHT TO PERFORM WORK:

It is understood that the Owner may delete any and/or all of the items listed above and the Contractor agrees to construct the remaining items at the bid price for each item.

18. TIME FOR COMPLETION AND LIQUIDATED DAMAGES:

It is hereby understood and mutually agreed, by and between the Contractor and the Owner, that the date of beginning and the time for completion as specified in the contract of the work to be done hereunder are ESSENTIAL CONDITIONS of this contract; and it is further mutually understood and agreed that the work embraced in his contract shall be commenced on a date to be specified in the "Notice to Proceed".

The Contractor agrees that said work shall be prosecuted regularly, diligently, and uninterruptedly at such rate of progress as will insure full completion thereof within the time specified. It is expressly understood and agreed, by and between the Contractor and the Owner, that the time for the completion of the work described herein is a reasonable time for the completion of the same, taking into consideration the average climatic range and usual industrial conditions prevailing in this locality.

If the said Contractor shall neglect, fail or refuse to complete the work within the time herein specified, or any proper extension thereof granted by the Owner, then the Contractor does hereby agree, as a part of his consideration for the awarding of this contract, to pay to the Owner the amount specified in the contract, not as a penalty but as liquidated damages for such breach of contract as hereinafter set forth, for each and every calendar day that the Contractor shall be in default after the time stipulated in the contract for completing the work.

It is mutually agreed between the parties hereto that time is the essence of this Contract, and in the event the construction of the Work is not completed within the time herein specified, it is agreed that from the compensation otherwise to be paid to the Contractor, the second party may retain as liquidated damages, the amount specified in Section 108 of the State of Alabama Standard Specifications for Highway Construction, for each calendar day beyond the required date of completion or \$500 dollars, whichever is greater.

It is further agreed that time is of the essence of each and every portion of this contract and of the specifications wherein a definite and certain length of time is fixed for the performance of any act whatsoever; and where under the contract an additional time is allowed for the completion of any work, the new time limit fixed by such extension shall be of the essence of this contract. Provided that the Contractor shall not be charged with liquidated damages or any excess cost when the Owner determines that the Contractor is without fault and the Contractor's reasons for the time extension are acceptable to the Owner; Provided, further, that the Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the work is due:

- (a) To any preference, priority or allocation order duly issued by the Government;
- (b) To unforeseeable cause beyond the control and without the fault or negligence of the Contractor, including, but not restricted to, acts of God, or of the public enemy, acts of the Owner, acts of another Contractor in the performance of a contract with the Owner, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and severe weather; and
- (c) To any delays of Subcontractors or suppliers occasioned by any of the causes specified in subsections (a) and (b) of this article.

Provided, further, that the Contractor shall, within five (5) days from the beginning of such delay, unless the Owner shall grant a further period of time prior to the date of final settlement of the contract, notify the Owner, in writing, of the causes of the delay, who shall ascertain the facts and extent of the delay and notify the Contractor within a reasonable time of its decision in the matter.

19. CORRECTION OF WORK:

All work, all materials, whether incorporated in the work or not, all processes of manufacture, and all methods of construction shall be at all times and places subject to the inspection of the Engineer who shall be the final judge of the quality and suitability of the work, materials, processes of manufacture, and methods of construction for the purposes for which they are used. Should they fail to meet his approval they shall be forthwith reconstructed, made good, replaced and/or corrected, as the case may be, by the Contractor at his own expense. Rejected materials shall immediately be removed from the site. If in the opinion of the Engineer, it is undesirable to replace any defective or damaged materials or to reconstruct or correct any

portion of the work injured or not performed in accordance with the Contract Documents, the compensation to be paid the Contractor hereunder shall be reduced by such amount as in the judgment of the Engineer shall be equitable.

20. SUBSURFACE CONDITIONS FOUND DIFFERENT:

Should the Contractor encounter sub-surface and/or latent conditions at the site materially differing from those shown on the Plans or indicated in the Specifications, he shall immediately give notice to the Engineer of such conditions before they are disturbed. The Engineer will thereupon promptly investigate the conditions, and if he finds that they materially differ from those shown on the Plans or indicated in the Specifications, he will at once make such changes in the Plans and/or Specifications as he may find necessary, any increase or decrease of cost resulting from such changes to be adjusted in the manner provided in Paragraph 15 of the General Conditions.

21. CLAIMS FOR EXTRA COST:

No claim for extra work or cost shall be allowed unless the same was done in pursuance of a written order of the Engineer approved by the Owner, as aforesaid, and the claim presented with the first estimate after the changed or extra work is done. When work is performed under the terms of subparagraph 15(c) of the General Conditions, the Contractor shall furnish satisfactory bills, payrolls and vouchers covering all items of cost and when requested by the Owner, give the Owner access to accounts relating thereto.

22. RIGHT OF THE OWNER TO TERMINATE CONTRACT:

In the event that any of the provisions of this contract are violated by the Contractor, or by any of his subcontractors, the Owner may serve written notice upon the Contractor and the Surety of its intention to terminate the contract, such notices to contain the reasons for such intention to terminate the contract, and unless within three (3) days after the serving of such notice upon the Contractor, such violation or delay shall cease and satisfactory arrangement of correction be made, the contract shall upon the expiration of said three (3) days, cease and terminate. In the event of any such termination, the Owner shall immediately serve notice thereof upon the Surety and the Contractor and the Surety shall have the right to take over and perform the contract; Provided, however, that if the Surety does not commence performance thereof within five (5) days from the mailing to such Surety of notice of termination, the Owner may take over the work and prosecute the same to completion by contract or by force account for the account and at the expense of the Contractor and the Contractor and his Surety shall be liable to the Owner for any excess cost occasioned the Owner thereby, and in such event the Owner may take possession of and utilize in completing the work, such materials, appliances, and plant as may be on the site of the work and necessary therefor.

23. CONSTRUCTION SCHEDULE AND PERIODIC ESTIMATES:

Immediately after execution and delivery of the contract, and before the first partial payment is made, the Contractor shall deliver to the Owner an estimated construction progress schedule in form satisfactory to the Owner, showing the proposed dates of commencement and completion of each of the various subdivisions of work required under the Contract Documents and the anticipated amount of each monthly payment that will be come due the Contractor in accordance with the progress schedule. The Contractor shall also furnish on forms to be supplied by the Owner (a) detailed estimate giving a complete breakdown of the contract price and (b) periodic itemized estimates of work done for the purpose of making partial payment thereon. The costs employed in making up any of these schedules will be used only for determining the basis of partial payments and will not be considered as fixing a basis for additions to or deductions from the contract price.

24. PAYMENTS TO CONTRACTOR:

- (a) Not later than the 15th day of each calendar month the Owner shall make a progress payment to the Contractor on the basis of a duly certified and approved estimate of the work performed during the preceding calendar month under this contract, but to insure the proper performance of this contract, the Owner shall retain ten (10%) percent of the amount of each estimate until final

completion and acceptance of all work covered by this contract: Provided, that the Contractor shall submit his estimate not later than the first day of the month:

- (b) In preparing estimates the material delivered on the site and preparatory work done may be taken into consideration.
- (c) All material and work covered by partial payments made shall thereupon become the sole property of the Owner, but this provision shall not be construed as relieving the Contractor from the sole responsibility for the care and protection of materials and work upon which payments have been made or the restoration of any damaged work, or as a waiver of the right of the Owner to require the fulfillment of all of the terms of the contract.
- (d) Owner's Right to Withhold Certain Amounts and Make Application Thereof: The Contractor agrees that he will indemnify and save the Owner harmless from all claims growing out of the lawful demands of subcontractors, laborers, workmen, mechanics, material men, and furnishers of machinery and parts thereof, equipment, power tools, and all supplies, including commissary, incurred in the furtherance of the performance of this contract. The Contractor shall, at the Owner's request, furnish satisfactory evidence that all obligations of the nature hereinabove designated have been paid, discharged, or waived. If the Contractor fails so to do, then the Owner may, after having served written notice on the said Contractor, either pay unpaid bills, of which the Owner has written notice, direct or withhold from the Contractor's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the contractor shall be resumed, in accordance with the terms of this contract, but in no event shall the provisions of this sentence be construed to impose any obligations upon the Owner to either the Contractor or his Surety. In paying any unpaid bills of the Contractor, the Owner shall be deemed the agent of the Contractor, and any payment so made by the Owner shall be considered as a payment made under the contract by the Owner to the Contractor and the Owner shall not be liable to the Contractor for any such payments made in good faith.

25. ACCEPTANCE OF FINAL PAYMENT CONSTITUTES RELEASE:

The acceptance by the Contractor of final payment shall be and shall operate as a release to the Owner of all claims and all liability to the Contractor for all things done or furnished in connection with this work and for every act and neglect of the Owner and other relating to or arising out of this work. No payment, however, final or otherwise, shall operate to release the Contractor or his sureties from any obligations under this contract or the Performance and Payment Bond.

26. PAYMENTS BY CONTRACTOR:

The Contractor shall pay (a) for all transportation and utility services not later than the 20th day of the calendar month following that in which services are rendered, (b) for all materials, tools, and other expendable equipment to the extent of ninety (90%) percent of the cost thereof, not later than the 20th day of the calendar month following that in which such materials, tools, and equipment are delivered at the site of the project and the balance of the cost thereof, not later than the 30th day following the completion of that part of the work in or on which such materials, tools, and equipment are incorporated or used, and (c) to each of his subcontractors, not later than the 5th day following each payment to the Contractor, the respective amounts allowed the Contractor on account of the work performed by his subcontractors to the extent of each subcontractor's interest therein.

27. INSURANCE:

The Contractor shall not commence work under this contract until he has obtained all the insurance required under this paragraph and such insurance has been approved by the Owner, nor shall the Contractor allow

any subcontractor to commence work on his subcontract until the insurance required of the subcontractor has been so obtained and approved.

- (a) Compensation Insurance: The Contractor shall procure and shall maintain during the life of this contract Workmen's Compensation Insurance as required by applicable State or territorial law for all of his employees to be engaged in work at the site of the project under this contract and, in case of any such work sublet, the Contractor shall require the subcontractor similarly to provide Workmen's Compensation Insurance for all of the latter's employees to be engaged in such work unless such employees are covered by the protection afforded by the Contractor's Workmen's Compensation Insurance. In case any class of employees engaged in hazardous work on the project under this contract is not protected under the Workmen's Compensation Statute, the Contractor shall provide and shall cause each subcontractor to provide adequate employer's liability insurance for the protection of such of his employees as are not otherwise protected.
- (b) Contractor's Public Liability and Property Damage Insurance and Vehicle Liability Insurance: The Contractor shall procure and shall maintain during the life of this contract Contractor's Public Liability Insurance, Contractor's Property Damage Insurance and Vehicle Liability Insurance in the amounts specified in the Supplemental General Conditions. (c) Subcontractor's Public Liability and Property Damage Insurance and Vehicle Liability Insurance: The Contractor shall either (1) require each of his subcontractors to procure and to maintain during the life of his subcontract, Subcontractor's Public Liability and Property Damage Insurance and Vehicle Liability Insurance of the type and in the amounts specified in the Supplemental General Conditions specified in subparagraph (b) hereof or, (2) insure the activities of his policy, specified in subparagraph (b) hereof.
- (c) Scope of Insurance and Special Hazards: The insurance required under subparagraphs (b) and (c) hereof shall provide adequate protection for the Contractor and his subcontractors, respectively, against damage claims which may arise from operations under this contract, whether such operations be by the insured or by anyone directly or indirectly employed by him and, also against any of the special hazards which may be encountered in the performance of this contract as enumerated in the Supplemental General Conditions.
- (d) Builder's Risk Insurance (Fire and Extended Coverage): Until the project is completed and accepted by the Owner, the Owner, or Contractor (at the Owner's option as indicated in the Supplemental General Conditions), is required to maintain Builder's Risk Insurance (fire and extended coverage) on a 100 percent completed value basis on the insurable portion of the project for the benefit of the Owner, the Contractor, subcontractors as their interest may appear. The Contractor shall not include any costs for Builder's Risk Insurance (fire and extended coverage premiums during construction unless the Contractor is required to provide such insurance; however, this provision shall not release the Contractor from his obligation to complete, according to plans and specifications, the project covered by the contract, and the Contractor and his Surety shall be obligated to full performance of the Contractor's undertaking.
- (e) Proof of Carriage of Insurance: The Contractor shall furnish the Owner with certificates showing the type, amount, class of operations covered, effective dates and date of expiration of policies. Such certificates shall also contain substantially the following statement: "The insurance covered by this certificate will not be canceled or materially altered except after fifteen (15) days written notice has been received by the Owner."

28. CONTRACT SECURITY:

The Contractor shall furnish a performance bond in an amount at least equal to one hundred (100%) percent of the contract prices as security for the faithful performance of this contract and also a payment bond in an amount not less than one hundred (100%) percent of the contract price or in a penal sum not less than that prescribed by State, territorial or local law, as security for the payment of all persons performing labor on the project under this contract and furnishing materials in connection with this contract. The performance bond and the payment bond may be in one or separate instruments in accordance with local law.

29. ADDITIONAL OR SUBSTITUTE BOND:

If at any time the Owner, for justifiable cause, shall be or become dissatisfied with any surety or sureties, and then upon the Performance or Payment Bonds, the Contractor shall within five (5) days after notice from the Owner so to do, substitute an acceptable bond (or bonds) in such form and sum and signed by such other surety or sureties as may be satisfactory to the Owner. The premiums on such bond shall be paid by the Contractor. No further payments shall be deemed due nor shall be made until the new surety or sureties shall have furnished such an acceptable bond to the Owner.

30. ASSIGNMENTS:

The Contractor shall not assign the whole or any part of this contract or any moneys due or become due hereunder without written consent of the Owner. In case the Contractor assigns all or part of any moneys due or to become due under this contract, the instrument of assignment shall contain a clause substantially to the effect that it is agreed that the right of the assignee in and to any moneys due or to become due to the Contractor shall be subject to prior claims of all persons, firms and corporations of services rendered or materials supplied for the performance of the work called for in this contract.

31. MUTUAL RESPONSIBILITY OF CONTRACTORS:

If, through acts of neglect on the part of the Contractor, any other Contractor or any subcontractor shall suffer loss or damage on the work, the Contractor agrees to settle with such other Contractor or subcontractor by agreement or arbitration if such other Contractor or subcontractors will so settle. If such other Contractor or subcontractor shall assert any claim against the Owner on account of any damage alleged to have been sustained, the Owner shall notify the Contractor, who shall indemnify and save harmless the Owner against any such claim.

32. SEPARATE CONTRACT:

The Contractor shall coordinate his operations with those of other Contractors. Cooperation will be required in the arrangement for the storage of materials and in the detailed execution of the work. The Contractor, including his subcontractors, shall keep informed of the progress and the detail work of other Contractors and shall notify the Engineer immediately of lack of progress or defective workmanship on the part of other Contractors. Failure of a contractor to keep informed of the work progressing on the site and failure to give notice of lack of progress or defective workmanship by others shall be construed as acceptance by him of the status of the work as being satisfactory for proper coordination with his own work.

33. SUBCONTRACTING:

- (a) The Contractor may utilize the services of specialty subcontractors only on those parts of the work which, under normal contracting practices, are performed by specialty subcontractors. The amount of work performed by a subcontractor shall be limited to forty (40%) percent of the Contract price, unless authorized by the Owner and/or Engineer.
- (b) The Contractor shall not award any work to any subcontractor without prior written approval of the Owner, which approval will not be given until the Contractor submits to the Owner a written

statement concerning the proposed award to the subcontractor, which statement shall contain such information as the Owner may require.

- (c) The Contractor shall be as fully responsible to the Owner for the acts and omissions of his subcontractors, and of persons either directly or indirectly employed by them, as he is for the acts and omissions of persons directly employed by him.
- (d) The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind subcontractors to the Contractor by the terms of the General Conditions and other contract documents insofar as applicable to the work of subcontractors and to give the Contractor the same power as regards terminating any subcontract that the Owner may exercise over the Contractor under any provision of the contract documents.
- (e) Nothing contained in this contract shall create any contractual relation between any subcontractor and the Owner.

34. ENGINEER'S AUTHORITY:

The Engineer shall give all orders and directions contemplated under this contract and specifications, relative to the execution of the work. The Engineer shall determine the amount, quality, acceptability, and fitness of the several kinds of work and materials which are to be paid for under this contract and shall decide all questions which may arise in relation to said work and the construction thereof. The Engineer's estimates and decisions shall be final and conclusive, except as herein otherwise expressly provided. In case any question shall arise between the parties hereto relative to said contract or specifications, the determination or decision of the Engineer's shall be a condition precedent to the right of the Contractor to receive any money or payment for work under this contract affected in any manner or to any extent by such question.

The Engineer shall decide the meaning and intent of any portion of the specifications and of any plans or drawings where the same may be found obscure or be in dispute. Any differences or conflicts in regard to their work which may arise between the Contractor under this contract and other Contractors performing work for the Owner shall be adjusted and determined by the Engineer.

35. STATED ALLOWANCES:

The Contractor shall include in his proposal the cash allowances stated in the Supplemental General Conditions. The Contractor shall purchase the "Allowed Materials" as directed by the Owner on the basis of the lowest and best bid of at least three competitive bids. If the actual price for purchasing the "allowed Materials" is more or less than the "Cash Allowance", the contract price shall be adjusted accordingly. The adjustment in contract price shall be made on the basis of the purchase price without additional charges for overhead, profit, insurance or any other incidental expenses. The cost of installation of the "Allowed Materials" shall be included in the applicable sections of the Contract Specifications covering this work.

36. USE OF PREMISES AND REMOVAL OF DEBRIS:

The Contractor expressly undertakes at his own expense:

- (a) to take every precaution against injuries to persons or damage to property;
- (b) to store his apparatus, materials, supplies and equipment in such orderly fashion at the site of the work as will not unduly interfere with the progress of his work or the work of any other contractors;
- (c) to place upon the work or any part thereof only such loads as are consistent with the safety of that portion of the work; materials, and debris caused by his operations, to the end that at all times the site of the work shall present a neat, orderly and workmanlike appearance;

- (d) before final payment to remove all surplus material, false-work, temporary structures, including foundations thereof, plant of any description and debris of every nature resulting from his operations, and to put the site in a neat, orderly condition;
- (e) to effect all cutting, fitting or patching of his work required to make the same to conform to the plans and specifications and, except with the consent of the Engineer, not to cut or otherwise alter the work of any other Contractor.

37. LANDS AND RIGHTS-OF-WAY:

Prior to the start of construction, the Owner shall obtain all lands and rights-of-way necessary for the carrying out and completion of work to be performed under this contract.

38. GENERAL GUARANTY:

Neither the final certificate of payment nor any provision in the Contract Documents, nor partial or entire occupancy of the premises by the Owner, shall constitute an acceptance of work not done in accordance with the Contract Documents or relieve the Contractor of liability in respect to any express warranties or responsibility for faulty materials or workmanship. The Contractor shall remedy any defects in the work and pay for any damage to other work resulting therefrom, which shall appear within a period of one year from the date of final acceptance of the work unless a longer period is specified. The Owner will give notice of observed defects with reasonable promptness.

39. CONFLICTING CONDITIONS:

Order of precedence of Sections of the Contract Documents shall be in descending order as follows: CONTRACT, GENERAL CONDITIONS, SPECIAL PROVISIONS, all other Sections. Any provision in any Section which may be in conflict or inconsistent with any provision in any Section of greater precedence shall be void to the extent of such conflict or inconsistency.

40. NOTICE AND SERVICE THEREOF:

Any notice to any Contractor from the Owner relative to any part of this contract shall be in writing and considered delivered and the service thereof completed, when said notice is posted, by certified or registered mail to the said Contractor at his last given address, or delivered in person to the said Contractor or his authorized representative on the work.

41. PROVISIONS REQUIRED BY LAW DEEMED INSERTED:

Each and every provision of law and clause required by law to be inserted in this contract shall be deemed to be inserted herein and the contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not correctly inserted, then upon the application of either party the contract shall forthwith be physically amended to make such insertion or correction.

42. PROTECTION OF LIVES AND HEALTH:

"The Contractor shall exercise proper precaution at all times for the protection of persons and property and shall be responsible for all damages to persons or property, either on or off the site, which occur as a result of his prosecution of the work. The safety provisions of applicable laws and building and construction codes, in addition to specific safety and health regulations described by Chapter XIII, Bureau of Labor Standards, Department of Labor, Part 1518, Safety and Health Regulations for Construction, as outlined in the Federal Register, Volume 36, No. 75, Saturday, April 17, 1971. Title 29 - LABOR, shall be observed and the Contractor shall take or cause to be taken, such additional safety and health measures as the Contracting Authority may determine to be reasonably necessary."

43. OTHER PROHIBITED INTERESTS:

No official of the Owner who is authorized in such capacity and on behalf of the Owner to negotiate, make, accept or approve, or to take part in negotiating, making, accepting or approving any architectural, engineering, inspection, construction or material supply contracts or any subcontract in connection with the construction of the project, shall become directly or indirectly interested personally in this contract or in any part hereof. No officer, employee, architect, attorney, engineer or inspector of or for the Owner who is authorized in such capacity and on behalf of the Owner to exercise any legislative, executive, supervisory or other similar functions in connection with the construction of the project, shall become directly or indirectly interested personally in this contract or in any part thereof, any material supply contract, subcontract, insurance contract, or any other contract pertaining to the project.

44. USE AND OCCUPANCY PRIOR TO ACCEPTANCE BY OWNER:

The Contractor agrees to the use and occupancy of a portion or unit of the project before formal acceptance by the Owner, provided the Owner:

- (a) Secures written consent of the Contractor except in the event, in the opinion of the Engineer, the Contractor is chargeable with unwarranted delay in final cleanup of punch list items or other contract requirements.
- (b) Secures endorsement from the insurance-carrier and consent of the surety permitting occupancy of the building or use of the project during the remaining period of construction, or,
- (c) When the project consists of more than one building, and one of the buildings is occupied, secures permanent fire and extended coverage insurance, including a permit to complete construction. Consent of the surety must also be obtained.

45. PROJECT DOCUMENTATION:

- (a) General: Prior to start of construction, the Project right-of-way or easement shall be documented by the use of photographs or videotapes. Pictures (photo or video), in color, shall be taken at 100 feet on centers and shall be taken along the centerline of the Project looking up station. At least one station marker shall be visible for identification purposes and station markers shall be set by the Contractor. During the course of the documentation, any features or items of interest or importance which may be encountered shall be photographed or videotaped. Prints or tapes shall be delivered to the Engineer within one week after they are made. The Contractor will not be paid any portion of a partial payment request until prints or tapes are delivered to the Engineer's office.
- (b) Photographs: Clear, legible photographs shall be taken by a skilled technician using a wide angle lens. Each photograph shall be identified on the back with Project number, location, date and time of day that photograph was taken. One color print approximately 4" x 6" and the negative shall be delivered to the Engineer.
- (c) Videotapes: The purpose of the videotape recordings shall be a supply of continuous visual and audio record of problem areas, items, and features found within any particular area. This videotape record may be supplemented with photographs to exactly identify and locate specific bad features or items.

The videotape recordings shall be capable of recording and reproducing a picture having not less than 500 lines of resolution. The videotape recorder shall be one on which both sound and video information can be recorded utilizing a VHS video cassette system. The videotape recording shall be made on magnetic tape which shall produce a visual image equal to or better than the quality of the picture on a television monitor. The replay of the recorder video information, when reviewed on a monitor/receiver, shall be free of electrical interference and shall produce clear, stable images. To ascertain that the equipment to be used in this Work meets the stated minimum requirements, a

videotape of a suitable test pattern will be required prior to initiation of Work. The audio portion of the composite signal shall be sufficiently free of electrical interference and background noise to provide an oral report that is clear and completely and easily discernible. The audio portion of the tape report shall be recorded by the operating technician on the audio-video tapes as they are being produced and shall include the location or identification of the section being viewed, the station-to-station direction of travel, the distance traveled on the specific run, and any problems encountered. Videotape recordings shall be enclosed in a vinyl plastic container which shall clearly indicate the date the tape was taken and the designated section(s) of the Project contained on the tape.

There shall be no separate payment for photographic and/or videotape work.

46. SUSPENSION OF WORK:

Should the Owner be prevented or enjoined from proceeding with work either before or after the start of construction by reason of any litigation or other reason beyond the control of the Owner, the Contractor shall not be entitled to make or assert claim for damage by reason of said delay; but time for completion of the work will be extended to such reasonable time as the Owner may determine will compensate for time lost by such delay with such determination to be set forth in writing.

47. UNDERGROUND UTILITIES AND SERVICES:

The plans show certain features of the topography and certain underground utilities, but they do not propose to show in complete detail all such lines or obstructions. Such topography and notes on the plans were inserted from records available and are for the contractor's convenience, and shall not be used as a basis for claims or extra compensation.

Minor obstructions are not shown on the plans. Their presence, and the required removal and the resetting thereof shall be considered incidental to the overall project and the cost for the work noted above shall be included in the overall bid price for the project (no separate payment).

Mailboxes, signs and other minor obstructions are not shown on the plans. Their presence, and the required removal and the resetting thereof shall be considered incidental to the overall project and the cost for the work noted above shall be included in the overall bid price for the project (no separate payment).

48. EXISTING UTILITIES:

The existing utilities as shown on the plans are for the Contractor's benefit. These utilities have been plotted from the best available records. However, failure to show any utility on the construction plans does not justify additional payment to the Contractor if said utility is damaged. The Contractor must notify the utility companies involved prior to starting construction and shall make every effort not to damage any utilities. If utilities are damaged by the Contractor, the Contractor must pay all expenses incurred in the repair at no cost to the Owner or Engineer.

49. EROSION CONTROL:

Immediately prior to any clearing and grubbing or any excavation which could disturb the soils, the Contractor shall install the erosion control items in locations indicated on the construction plans.

The Contractor will be responsible for identifying and installing erosion control in areas where erosion may be encountered during construction of the project. The Contractor shall take all necessary precautions to insure that the construction of the project and the erosion/sediment from the project are adequately controlled and do not damage streams or adjacent property.

The erosion control items installed shall be maintained by the Contractor throughout the course of the project.

50. PLANS AND SPECIFICATIONS FURNISHED:

The Engineer shall provide the Contractor with three (3) sets of construction plans and specifications. Any additional plans and specifications required by the Contractor must be paid for by the Contractor.

51. PUBLIC CONVENIENCE:

No attempt is made to restrict work hours of the Contractor's operations, but he is reminded that it will be necessary to arrange his work schedule to provide the least inconvenience to the public and individual residents.

The Contractor shall take extra precaution to insure that traffic is protected by the use of, but not limited to, flashing signs and barrels.

No direct payment will be made for any of the work described in this section.

52. EQUIPMENT:

Choice of equipment for excavation or other project work shall be the responsibility of the Contractor, however, any equipment that results in waste of material, inaccurate work, or otherwise proves objectionable shall be replaced as directed by the Engineer at no additional cost to the Owner.

53. DETERMINATION OF LINES AND GRADES:

The Engineer will set one set of construction stakes for the Contractor establishing all lines and grades necessary for the proper prosecution of the work. The location, alignment and elevation of all parts of the work will be established by the Engineer, but the Contractor shall assume full responsibility for construction to alignment, grade, and dimensions indicated in the plans. These stakes shall constitute the field control by which the Contractor shall govern and execute his work.

54. CONTRACT CLOSE-OUT:

Subsequent to the final inspection of this project by the Engineer, the following requirements must be satisfied by the Contractor before final payment can be made.

- a. The Contractor must publicly advertise the NOTICE OF COMPLETION furnished by the Engineer a minimum of once a week for four consecutive weeks.
- b. The Contractor must execute copies of CONTRACTOR'S AFFIDAVIT OF PAYMENT OF CLAIMS AND DEBTS on the form furnished by the Engineer.
- c. The Contractor must have his surety execute copies of CONSENT OF SURETY TO FINAL PAYMENT on the form furnished by the Engineer.
- d. The Contractor must furnish a letter on his letterhead acknowledging that acceptance of final payment by the Contractor constitutes a waiver of all claims, present or future, in connection with this project as per Item 25 of this section.
- e. If any purchase items have been incorporated in the work, the Contractor must furnish a letter on his letterhead assigning those warranties to the OWNER. Copies of said warranties shall be bound in one binder and submitted along with the letter assignment.
- f. The Contractor must provide one complete set of "as builts" covering all utility routing, structural, mechanical, and electrical aspects of the work, including wiring schematics.

SECTION XI

SPECIAL PROVISIONS

1. All insurance and bonds must be furnished by a Surety licensed to do business in the State of Alabama, signed or countersigned by a licensed Resident Agent of Alabama and have a minimum rating of A Class VI as reported in the latest issue of Best's Key Rating Guide Property and Casualty.
- 2.. Payment for any work incidental to the completion of this contract, for which no item was set up, shall be a subsidiary of other related bid items.
3. The City of Orange Beach reserves the right to add to or reduce quantities or delete any item or items in this contract without any adjustment in unit price. Additional items of work that is necessary for the completion of this contract and is not a part of the bid contract may be added by Change Order.
4. Failure to complete the work in this contract within the time stipulated will result in a deduction for money due the contractor. Such liquidated damages will be assessed as provided for in Item 108 of the Alabama Department of Transportation Standard Specifications for Highway Construction, 2012 Edition, with all latest additions.
5. The contractor shall provide maintenance for a period of one year from final acceptance of the work. This maintenance work shall include furnishing all materials, labor, and incidentals necessary to maintain the project in acceptable condition as determined by the City Engineering Department. This maintenance for a one year period shall be provided with no additional compensation.
6. Any asphalt used on the project shall have an approved mix design and shall not contain shingles (RAS).
7. The quantities shown on the proposal and plans are approximate. The Contractor will be paid only for the amount of each item to complete the project.
8. It shall be the Contractor's responsibility to determine if the required construction can be performed within the area provided and comply with requirements of the Occupational Safety and Health Regulations (OSHA) for construction projects of this type. Any safety measures or methods of construction that are necessary in the construction of this project to comply with these regulations are the Contractor's responsibility and shall be provided with all costs to be included in the various pay items of the contract (no direct payment).
9. The Contractor shall submit a Traffic Control Scheme for the City Traffic Engineer's approval prior to commencement of any work on this project. The scheme shall be in full compliance with all the provisions and requirements as designated in Item 740 and Article 104.04 of the Standard Specifications, the Federal MUTCD Manual, Millennium Edition, and other requirements set forth by the Traffic Engineer. Payment for items in Section 740 shall be full compensation for all materials, signage, lights, hardware, drums, equipment, labor, handling and maintenance until project completion and any other incidentals necessary to complete the job. The Contractor shall restore existing traffic mechanisms to original condition.

10. Any damage caused by the Contractor or his subcontractors to the existing bituminous asphalt surface and/or base structure on local streets leading to or associated with this project shall be repaired by the Contractor at no cost to the owner.
11. It shall be the responsibility of the contractor to provide a substantial stand of grass at the time of the Final Inspection. Any sod that is not living and/or viable in the opinion of the Engineer shall be replaced at no additional cost to the project.
12. Contractor shall remove and dispose of all waste and unsuitable material, from the project site. The Contractor will be held responsible for disposal of debris and construction materials in an appropriate manner and at an approved, permitted location. The Contractor will be responsible for compliance with applicable laws or ordinances regarding material type and disposal site. Disposal of construction materials and debris is specified in Subarticles 206.4(c) and 201.03(d) of the Standard Specifications.
13. If provided in the Bid Schedule, mix design for bituminous Concrete Wearing Surface, Item 429-A, shall be based on the Alabama Department of Transportation Standard Specifications for Highway Construction, 2006 edition. The successful bidder will be required to submit mix designs to comply with Item 429-A, based on the Alabama Department of Transportation Standard Specifications for Highway Construction, 2006 Edition, with all latest additions and modifications of the Engineering Department for the City of Orange Beach, to the City's Testing Lab for approval.
14. Any damage to private property beyond the limits required to construct the project as determined by the Engineer shall be repaired at the Contractor's expense.
15. All pipe joints shall be wrapped to City of Orange Beach specifications. Pipes shall not have lifting holes.
16. There shall be **NO** adjustment to fuel or asphalt index for this project.
17. The Contractor shall provide, install and maintain all temporary erosion control measures shown on the drawings. Hay bales, silt fences and other approved erosion control devices shall be installed by the Contractor and shall be maintained throughout the course of this project. Adjustments to the methods and types of erosion control will be necessary during the course of the construction, and it will be the responsibility of the Contractor to provide, install and maintain these as well. The Engineer shall approve methods of erosion control. It will be the responsibility of the Contractor to satisfy himself that all Federal, State and Local Codes and Ordinances are abided by at all times during construction. Additionally, the Contractor shall implement any and all other Best Management Practices applicable per Federal, State, County and Municipal laws concerning water pollution.

18. The Contractor shall be required to have an acceptable Steel Wheel Roller that has all the mechanical parts working properly. In addition, a backup Steel Wheel roller in case of breakdown so as not to interrupt the continuous placing of asphalt. The tack truck shall, at all times during working hours, have the tack heated to a temperature suitable for placing. The spreader will be required to have all mechanical parts working properly. Mechanical parts are defined as hydraulics, tamper bars, burners, etc. A backup spreader shall be readily available so as not to interrupt the continuous placing of asphalt in case of breakdown.
19. Tack coat shall be emulsified asphalt grade CRS-2, CRS-2h, CSS-1, CSS-1h, CQS-1h, or CQS-1hp, or one of the Performance Graded Asphalt Binders shown in Article 804.07 in accordance with requirements of Section 405 of the State of Alabama Highway Department Standard Specifications for Highway Construction, 2012 Edition.
20. Contractor shall use a mechanical broom with blower in operating condition for cleaning streets prior to tacking and resurfacing operations.
21. All temporary stop work joints shall be made using paper. At the beginning of the next work day the contractor shall make every effort to make a joint that will conform to the existing road surface.